

# Global Bike

Curriculum: Introduction to S/4HANA using Global Bike

# Teaching material - Information

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## Teaching material - Version

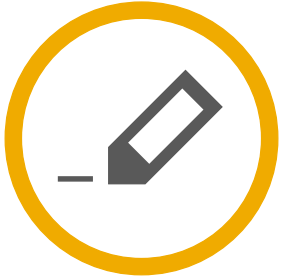
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- 4.3 (July 2025)
- Software used
  - SAP S/4HANA 2023
- Model
  - Global Bike
- Prerequisites
  - No Prerequisites needed



# Module Information

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## Authors

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- Jeff Word



## Target Audience

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- Beginner

# Module Information

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## Learning Objectives

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At the completion of this module, you should be able to:

- Describe the story of the Global Bike Group
- Draw the organizational structures of the Global Bike Group
- Describe the essential characteristics of the products and business partners of the Global Bike Group.
- List the business processes of the Global Bike Group.

# Agenda

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- Global Bike Group
- Organizational Structure
- Products
- Business Partners
- Business Processes

# Global Bike Group

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- Background:
  - Global concern using full ERP capabilities
  - Consists of two companies located in the US and in Germany
- History:
  - **John Davis** won numerous mountain bike championships in the US
  - In 1990, started his own mountain bike company (Frankenstein Bikes)
  - **Peter Schwarz** grew up on road bikes in the Black Forest, Germany
  - As a student, he engineered ultra-light composite frames
  - In 1993, started his own bike frame company (Heidelberg Composites)
  - Both met in 2000
  - In 2001, merged to form Global Bike Inc.

# Global Bike Group

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- Strategy:

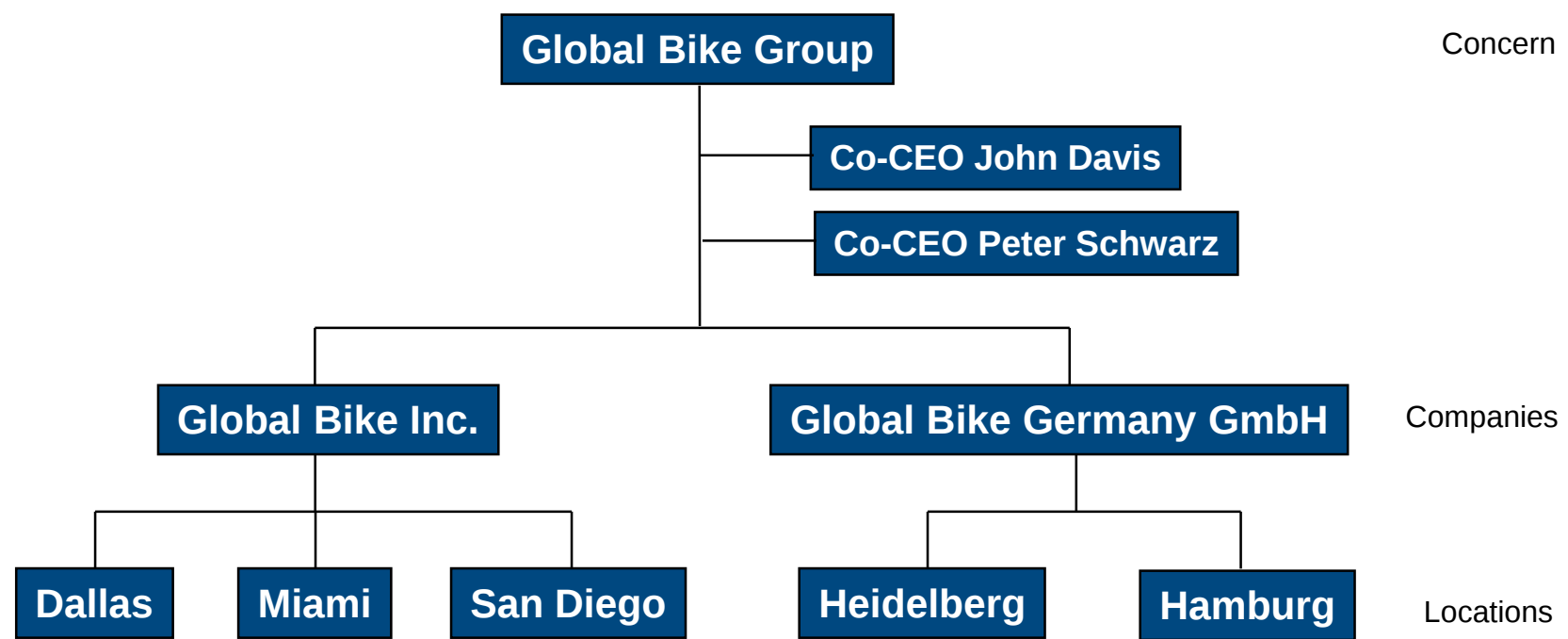
- John and Peter are Co-CEOs
- John is responsible for (in terms of reporting)
  - Sales, Marketing, Service and Support, IT, Finance, and Human Resources
  - sells products and brings in money
- Peter is responsible for
  - Research, Design, Procurement, and Manufacturing Groups
  - builds products and spends money
- World-class bicycle company serving both the professional and “prosumer” in touring and off-road racing.
- Focus on:
  - Quality
  - Toughness
  - Performance

# Agenda

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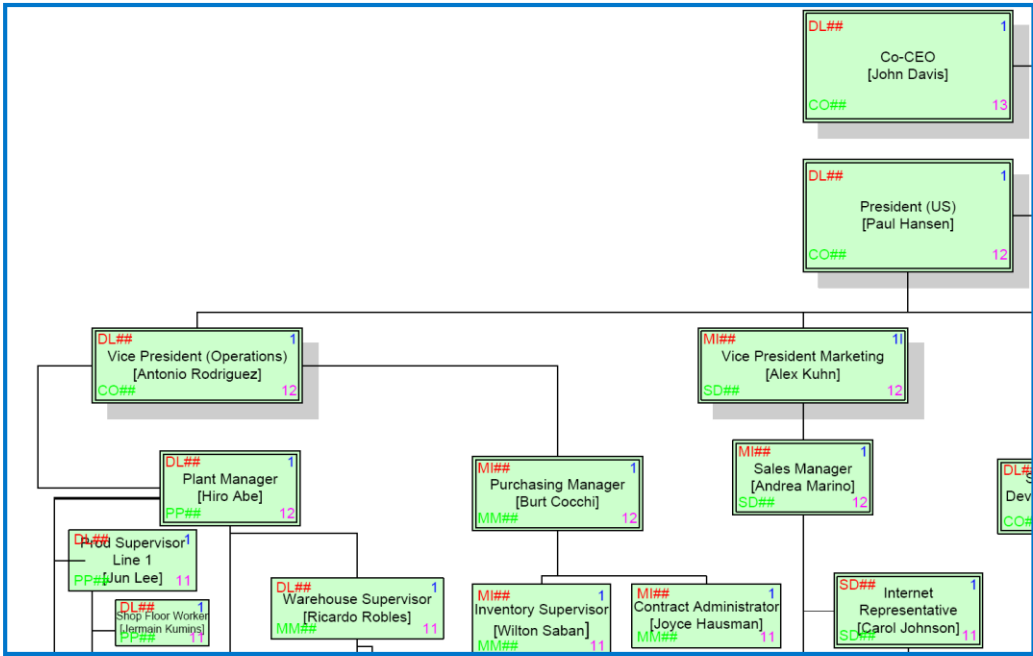
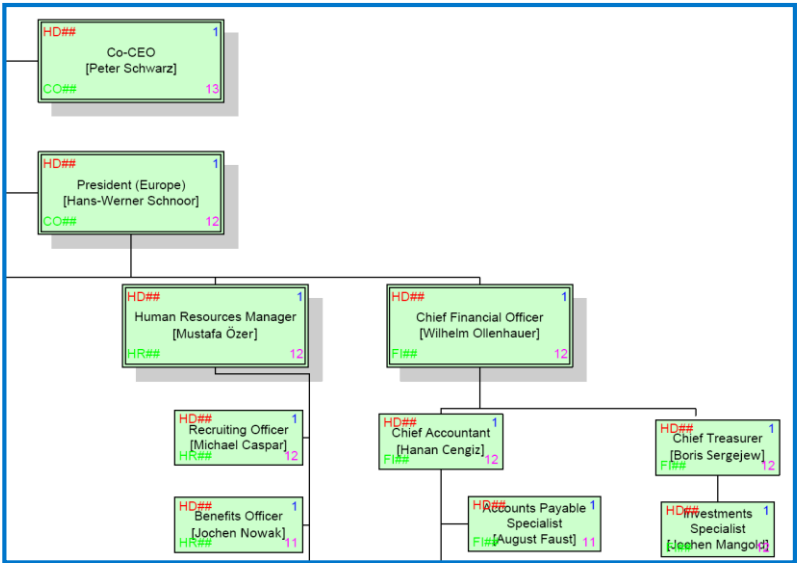
- Global Bike Group
- **Organizational Structure**
- Products
- Business Partners
- Business Processes

# Organizational Structure (Overview)



# Organizational Structure (Human Resources)

- Employees (US and Germany)



# Agenda

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- Global Bike Group
- Organizational Structure
- **Products**
- Business Partners
- Business Processes

# Products

- Trading Goods
  - Accessories
    - Safety Gear
    - Other

|                    |    |          |
|--------------------|----|----------|
| AIR PUMP           | EN | PUMP1000 |
| DELUXE RENTAL BIKE | EN | DXRB1000 |
| ELBOW PADS         | EN | EPAD1000 |
| FIRST AID KIT      | EN | FAID1000 |
| KNEE PADS          | EN | KPAD1000 |
| OFF ROAD HELMET    | EN | OHMT1000 |
| REPAIR KIT         | EN | RKIT1000 |
| ROAD HELMET        | EN | RHMT1000 |
| T-SHIRT            | EN | SHRT1000 |
| WATER BOTTLE       | EN | BOTL1000 |
| WATER BOTTLE CAGE  | EN | CAGE1000 |

- Raw Materials

|                          |    |          |
|--------------------------|----|----------|
| BRAKE KIT                | EN | BRKT1000 |
| CAN BOTTOM PART          | EN | DOUT1000 |
| CAN UPPER PART (BLUE)    | EN | DOOT1000 |
| CARBON COMPOSITE WHEEL   | EN | CCWH1000 |
| CASING                   | EN | CSNG1000 |
| CHAIN                    | EN | CHAN1000 |
| CIRCULATION FAN FILTER   | EN | FLTR1000 |
| CLEARCOAT POWDER         | EN | CCPW1000 |
| DERAILLEUR GEAR ASSEMBLY | EN | DGAM1000 |
| DISPLAY COVERAGE         | EN | DPCV1000 |
| HEX NUT 5 MM             | EN | HXNT1000 |
| LOCK WASHER 5 MM         | EN | LWSH1000 |
| MEN'S OFF ROAD FRAME     | EN | OFFR1000 |
| OFF ROAD ALUMINUM WHEEL  | EN | ORWH1000 |
| OFF ROAD CIRCUIT BOARD   | EN | ORCB1000 |
| OFF ROAD HANDLE BAR      | EN | ORHB1000 |
| OFF ROAD SEAT KIT        | EN | ORSK1000 |
| OFF ROAD TIRE            | EN | ORTR1000 |
| OFF ROAD TUBE            | EN | ORTB1000 |
| PACKAGING                | EN | PCKG1000 |
| PEDAL ASSEMBLY           | EN | PEDL1000 |
| PUSHBUTTON               | EN | PSBT1000 |
| SOCKET HEAD BOLT 5X20MM  | EN | BOLT1000 |
| TOURING ALUMINUM WHEEL   | EN | TRWH1000 |

# Products

## ■ Semi-Finished Goods

|                                      |    |          |
|--------------------------------------|----|----------|
| BASIC CASING                         | EN | BCSG1000 |
| CARBON COMPOSITE WHEEL ASSEMBLY      | EN | CCWA1000 |
| OFF ROAD ALUMINUM WHEEL ASSEMBLY     | EN | ORWA1000 |
| OFF ROAD BIKE COMPUTER SEMI-FINISHED | EN | ORSC1000 |
| TOURING ALUMINUM WHEEL ASSEMBLY      | EN | TRWA1000 |

## ■ Finished Goods

- Touring Bikes (Deluxe, Professional) in three colors
- Off-Road Bikes (Men, Women)
- GPS-Bike Computer

|                                          |    |          |
|------------------------------------------|----|----------|
| DELUXE GPS-BIKE COMPUTER CARMINE RED     | EN | DGRR2000 |
| DELUXE GPS-BIKE COMPUTER ROYAL BLUE      | EN | DGRB2000 |
| DELUXE GPS-BIKE COMPUTER SILVER WHITE    | EN | DGRW2000 |
| DELUXE TOURING BIKE (BLACK)              | EN | DXTR1000 |
| DELUXE TOURING BIKE (RED)                | EN | DXTR3000 |
| DELUXE TOURING BIKE (SILVER)             | EN | DXTR2000 |
| GLOBAL BIKE ENERGY (BLUE)                | EN | GBEN1000 |
| GLOBAL BIKE ENERGY (RED)                 | EN | GBEN2000 |
| GPS-BIKE COMPUTER ROAD 64GB CARMINE RED  | EN | GRRL2000 |
| GPS-BIKE COMPUTER ROAD 64GB ROYAL BLUE   | EN | GRBL2000 |
| GPS-BIKE COMPUTER ROAD 64GB SILVER WHITE | EN | GRWL2000 |
| MEN'S OFF ROAD BIKE                      | EN | ORMN1000 |
| OFF ROAD BIKE COMPUTER                   | EN | ORBC1000 |
| PROFESSIONAL TOURING BIKE (BLACK)        | EN | PRTR1000 |
| PROFESSIONAL TOURING BIKE (RED)          | EN | PRTR3000 |
| PROFESSIONAL TOURING BIKE (SILVER)       | EN | PRTR2000 |
| WOMEN'S OFF ROAD BIKE                    | EN | ORWN1000 |

# Agenda

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- Global Bike Group
- Organizational Structure
- Products
- **Business Partners**
- Business Processes

# Business Partners

## ■ Customers (US and Germany)

| Business Partner                      | Street                | City          | Postal Code | Country/Region |
|---------------------------------------|-----------------------|---------------|-------------|----------------|
| <b>Rocky Mountain Bikes</b><br>125000 | 3001 Elm St           | Denver        | 80207       | US             |
| <b>Big Apple Bikes</b><br>126000      | 95 Morton St          | New York City | 10014       | US             |
| <b>Philly Bikes</b><br>127000         | 20 Pine St            | Philadelphia  | 19073       | US             |
| <b>Peachtree Bikes</b><br>128000      | 2001 Summit Boulevard | Atlanta       | 30319       | US             |
| <b>Beantown Bikes</b><br>129000       | 299 Summer St         | Boston        | 02210       | US             |

| Business Partner                | Street               | City         | Postal Code | Country/Region |
|---------------------------------|----------------------|--------------|-------------|----------------|
| <b>Airport Bikes</b><br>137000  | Im Schwalbennest     | Neu-Isenburg | 63263       | DE             |
| <b>Alster Cycling</b><br>138000 | Loogestieg           | Hamburg      | 20249       | DE             |
| <b>Bavaria Bikes</b><br>139000  | Rappenweg            | München      | 81829       | DE             |
| <b>Capital Bikes</b><br>140000  | Reichenberger Straße | Berlin       | 10999       | DE             |
| <b>Cruiser Bikes</b><br>141000  | Nienhagener Straße   | Hannover     | 30629       | DE             |

## ■ Vendors (US and Germany)

| Business Partner                           | Street                | City       | Postal Code | Country/Region |
|--------------------------------------------|-----------------------|------------|-------------|----------------|
| <b>Olympic Protective Gear</b><br>101000   | 2100 Summit Boulevard | Atlanta    | 30319       | US             |
| <b>Boomtown Tire &amp; Wheel</b><br>102000 | 312 Walnut ST         | Cincinnati | 45202       | US             |
| <b>Dallas Bike Basics</b><br>103000        | 5215 N O'Connor Blvd  | Irving     | 75039       | US             |
| <b>Lightbulb Accessory Kits</b><br>104000  | 499 Thornall St       | Edison     | 88837       | US             |
| <b>Space Bike Composites</b><br>105000     | 10111 Richmond Ave    | Houston    | 77042       | US             |

| Business Partner                         | Street             | City         | Postal Code | Country/Region |
|------------------------------------------|--------------------|--------------|-------------|----------------|
| <b>Burgmeister Zubehör OHG</b><br>113000 | Illerstraße        | Braunschweig | 39120       | DE             |
| <b>Pyramid Biking</b><br>114000          | Hofstraße          | Bielefeld    | 33647       | DE             |
| <b>ABS Brakes GmbH</b><br>115000         | Blosenburgerstraße | Erfurt       | 99099       | DE             |
| <b>Flat Tire and More</b><br>116000      | Tambourweg         | Mannheim     | 68167       | DE             |
| <b>Gummi Schultze</b><br>117000          | Strählerweg        | Karlsruhe    | 76228       | DE             |

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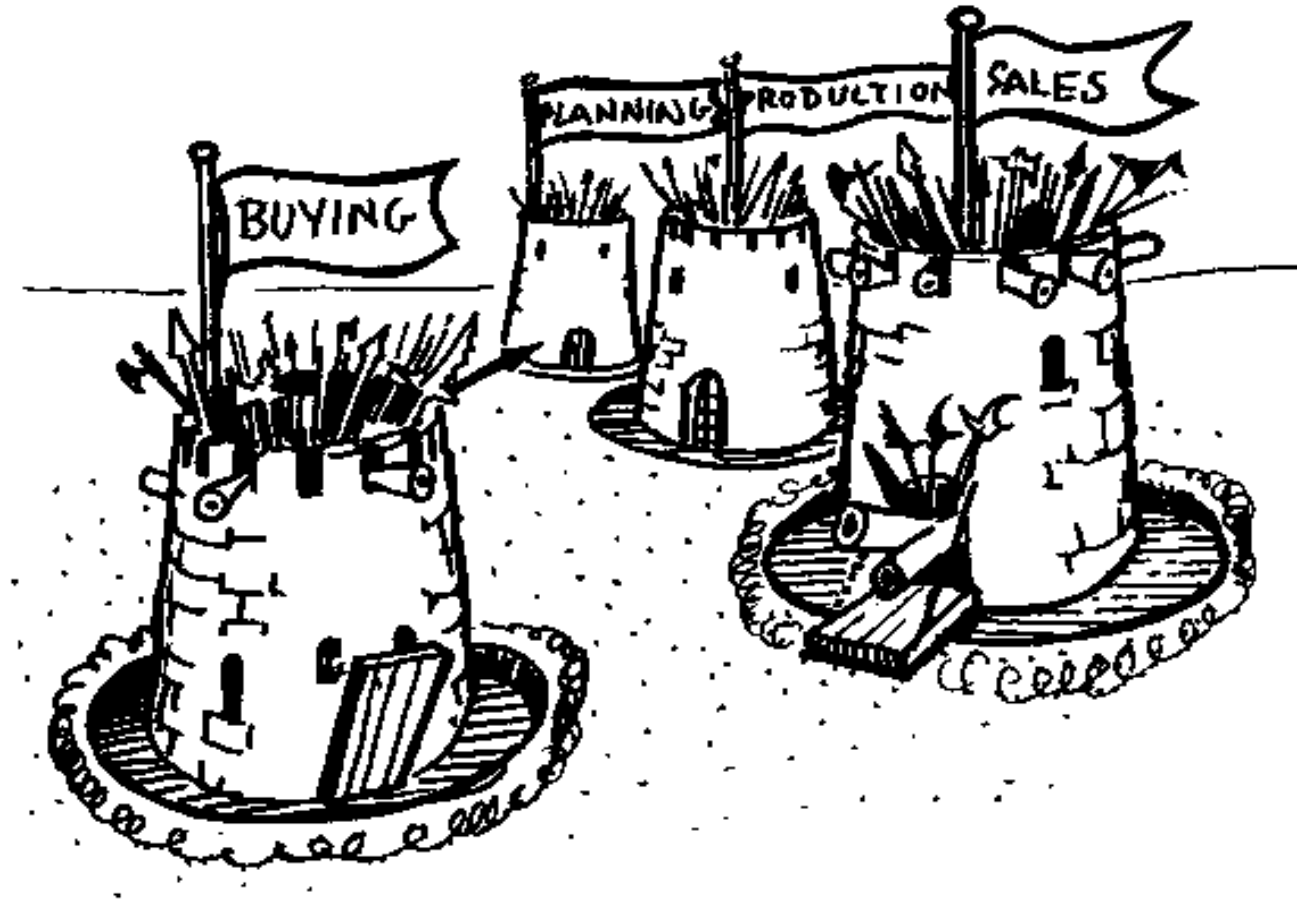
# Business Processes

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- Sell – Fulfillment
- Buy – Procurement
- Make – Production
- Track – Financial Accounting
- Track – Controlling
- People – Human Capital Management
- Store – Inventory and Warehouse Management
- Maintain – Enterprise Asset Management
- Service – Customer Service
- Project – Project Management
- Environment – Environment, Health and Safety

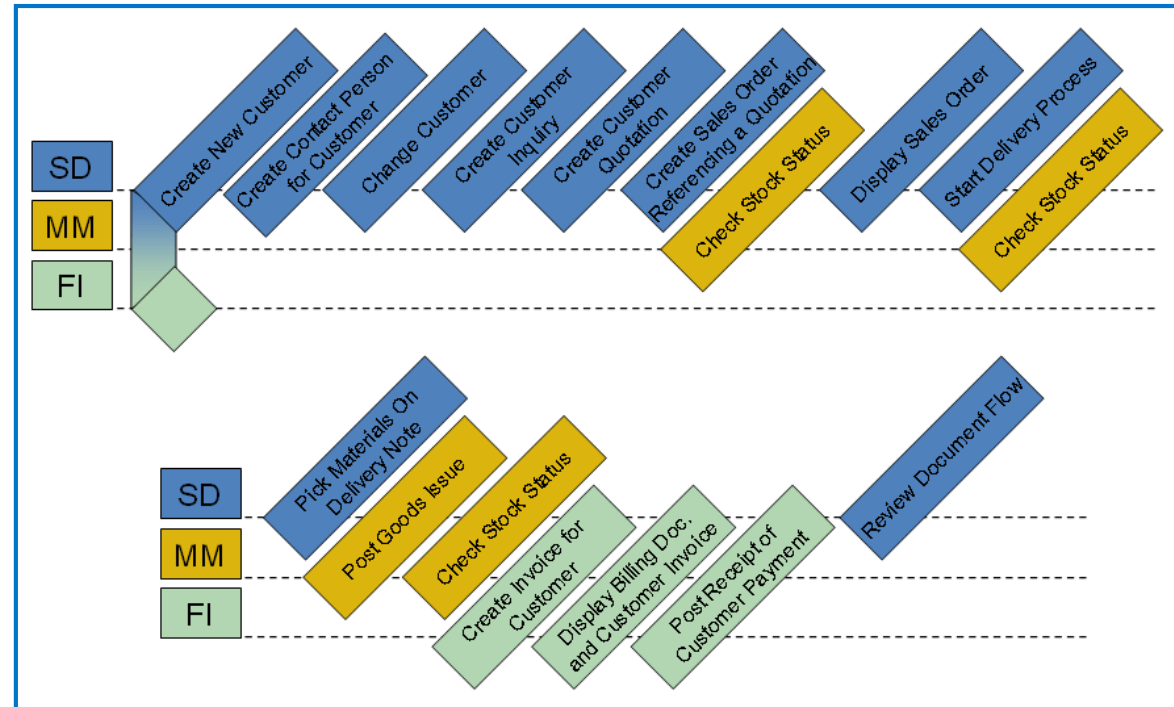
# Cross-functional Integration

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# Process Integration (Example)

- Order-to-Cash Process
  - Sales and Distribution (SD)
  - Materials Management (MM)
  - Financial Accounting (FI)



# Process Integration (Example)

- Procure-to-Cash Process
  - Materials Management (MM)
  - Financial Accounting (FI)

